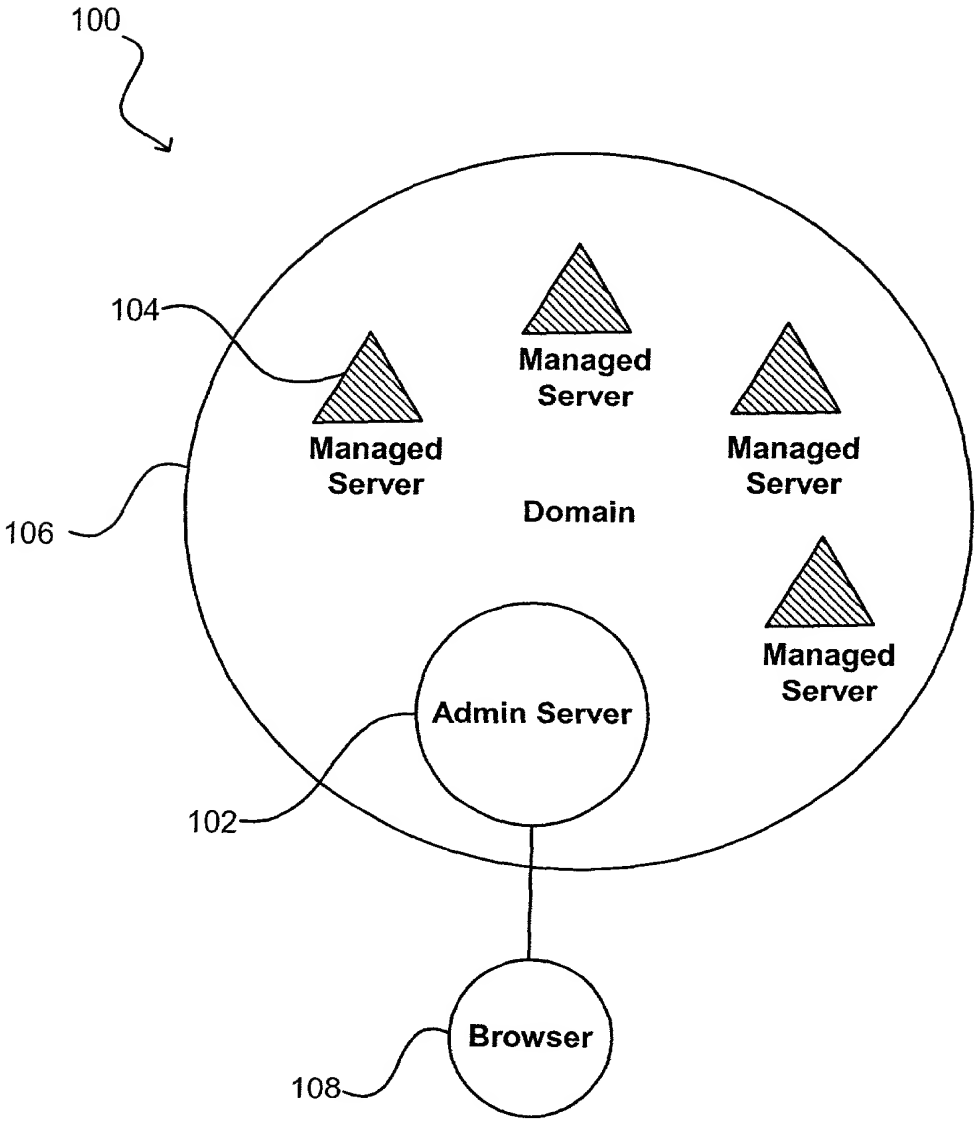
100
104
106
Managed Server
Managed Server
Managed Server
Managed Server
Domain
Admin Server
102
Browser
108

Figure 1

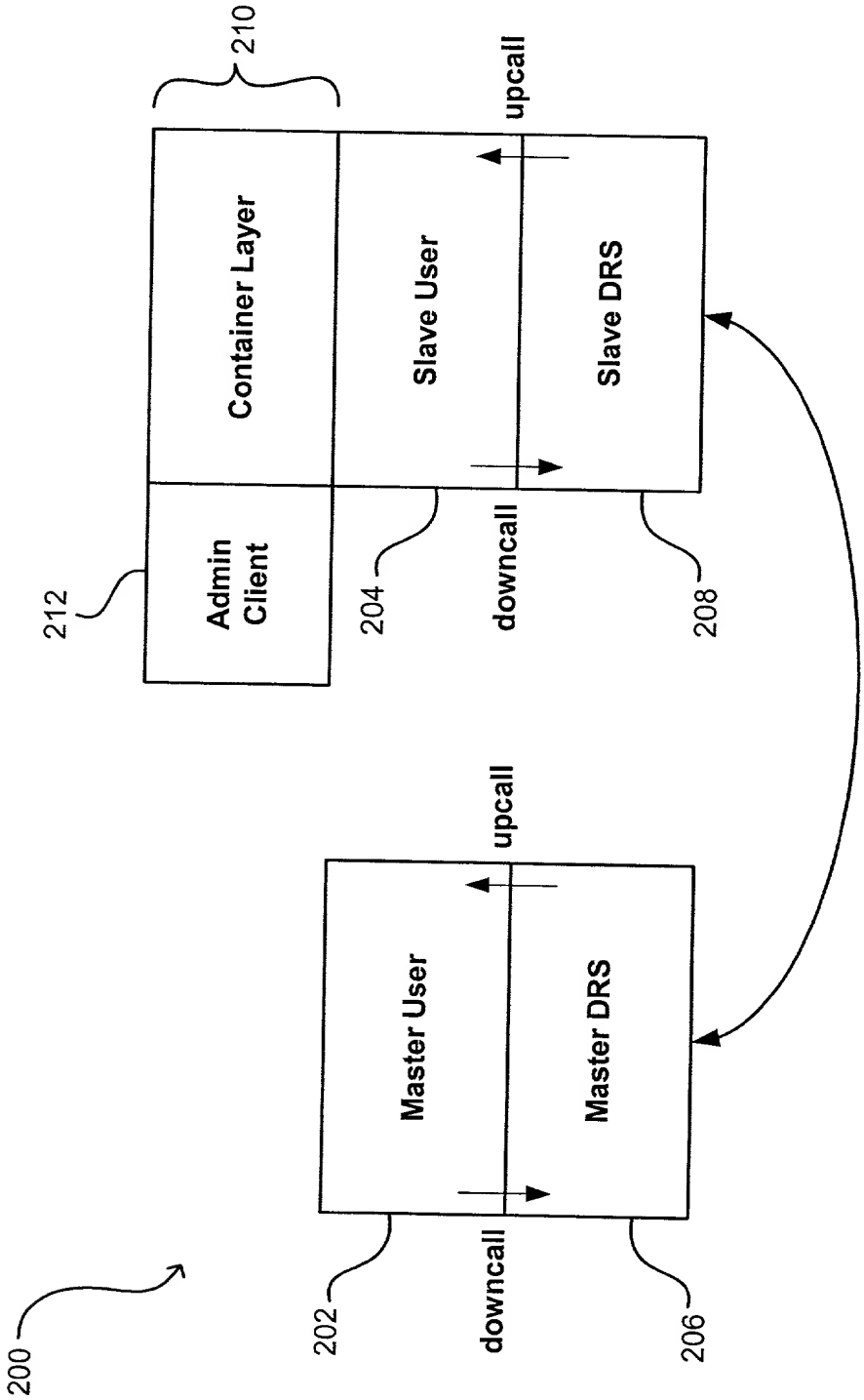
200
202
206
Master User
Master DRS
upcall
downcall
210
212
204
208
Container Layer
Slave User
Slave DRS
Admin Client
upcall
downcall

Figure 2

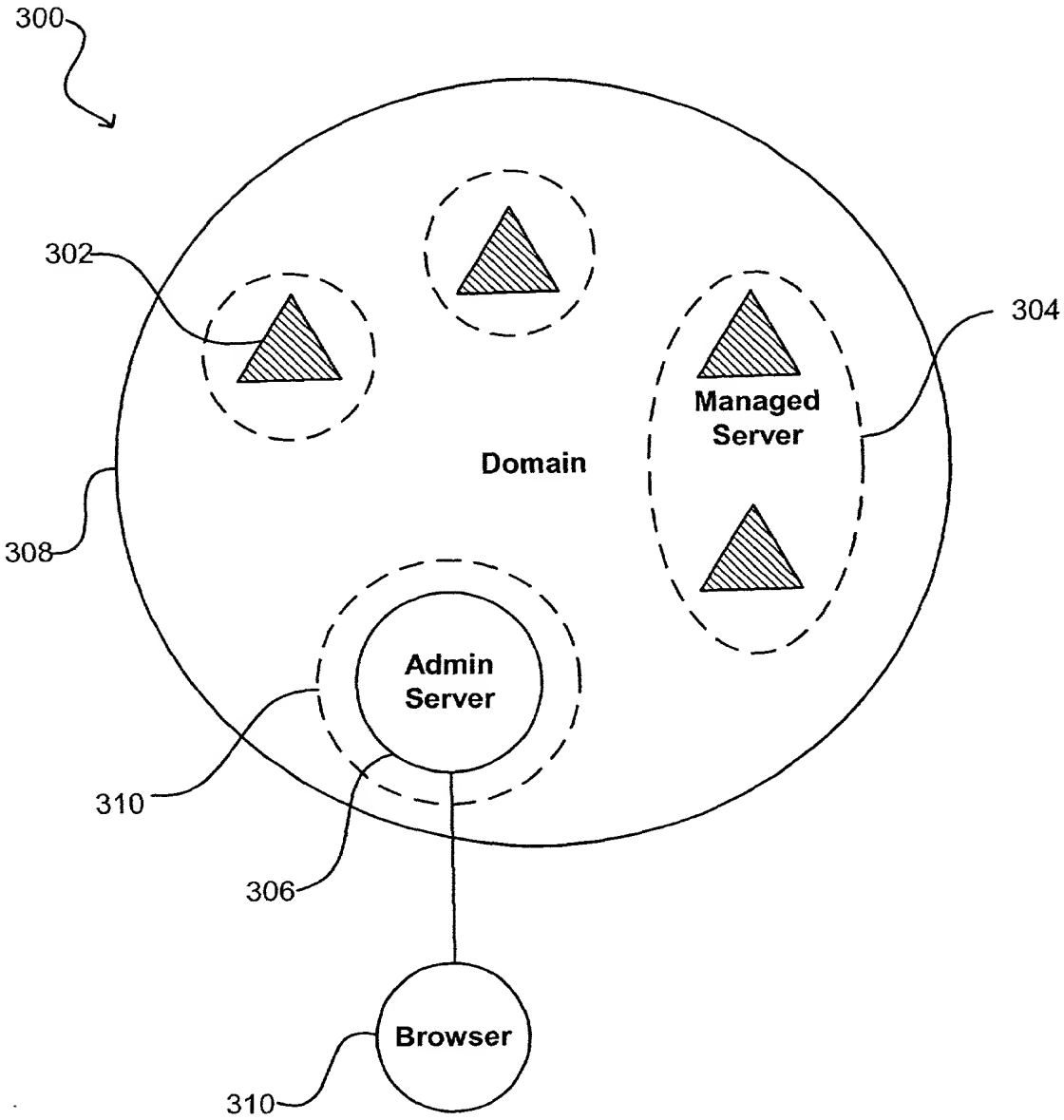
300
302
304
Managed Server
Domain
308
Admin Server
310
306
Browser
310

Figure 3

Patent Pending

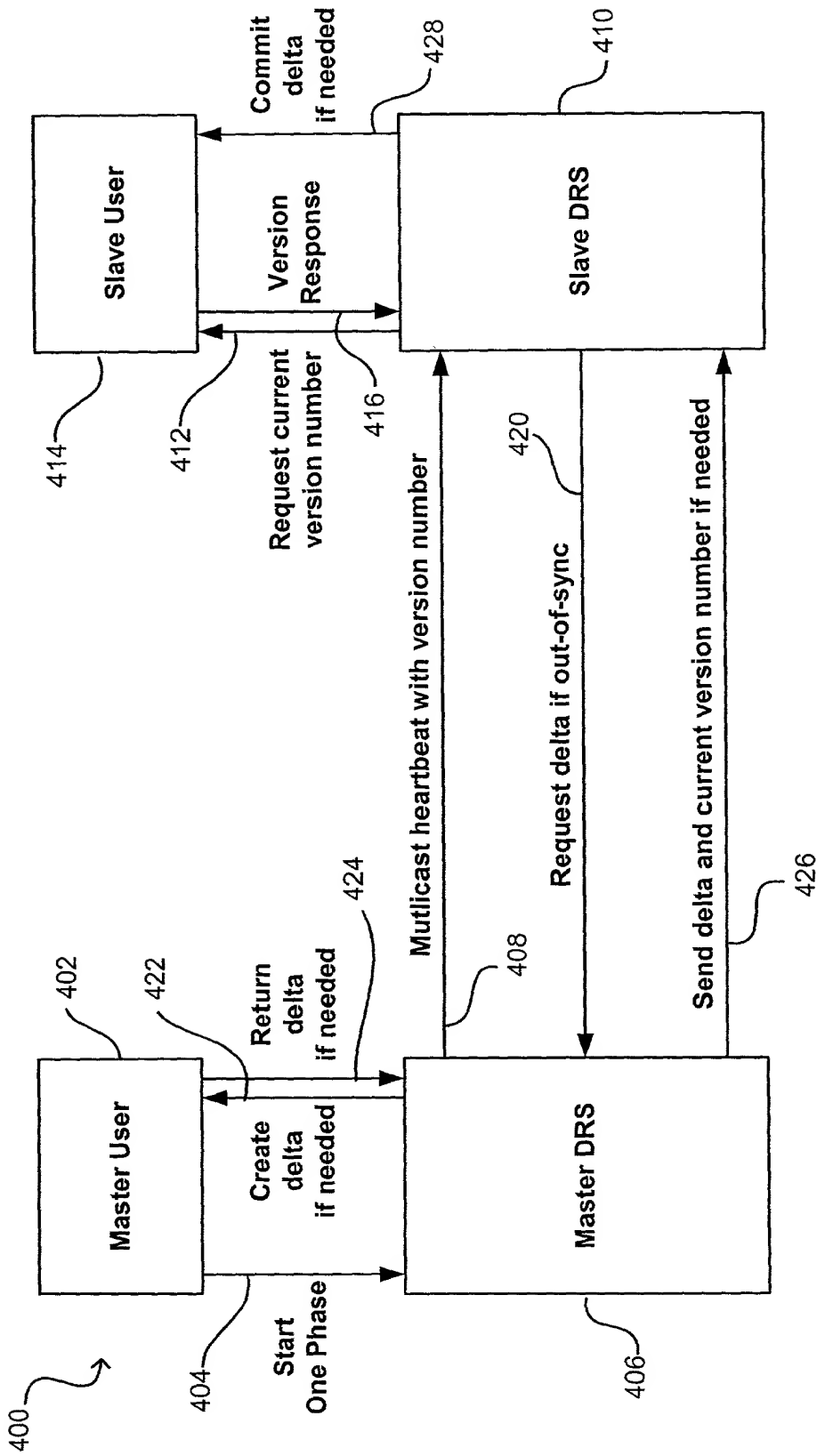

Figure 4

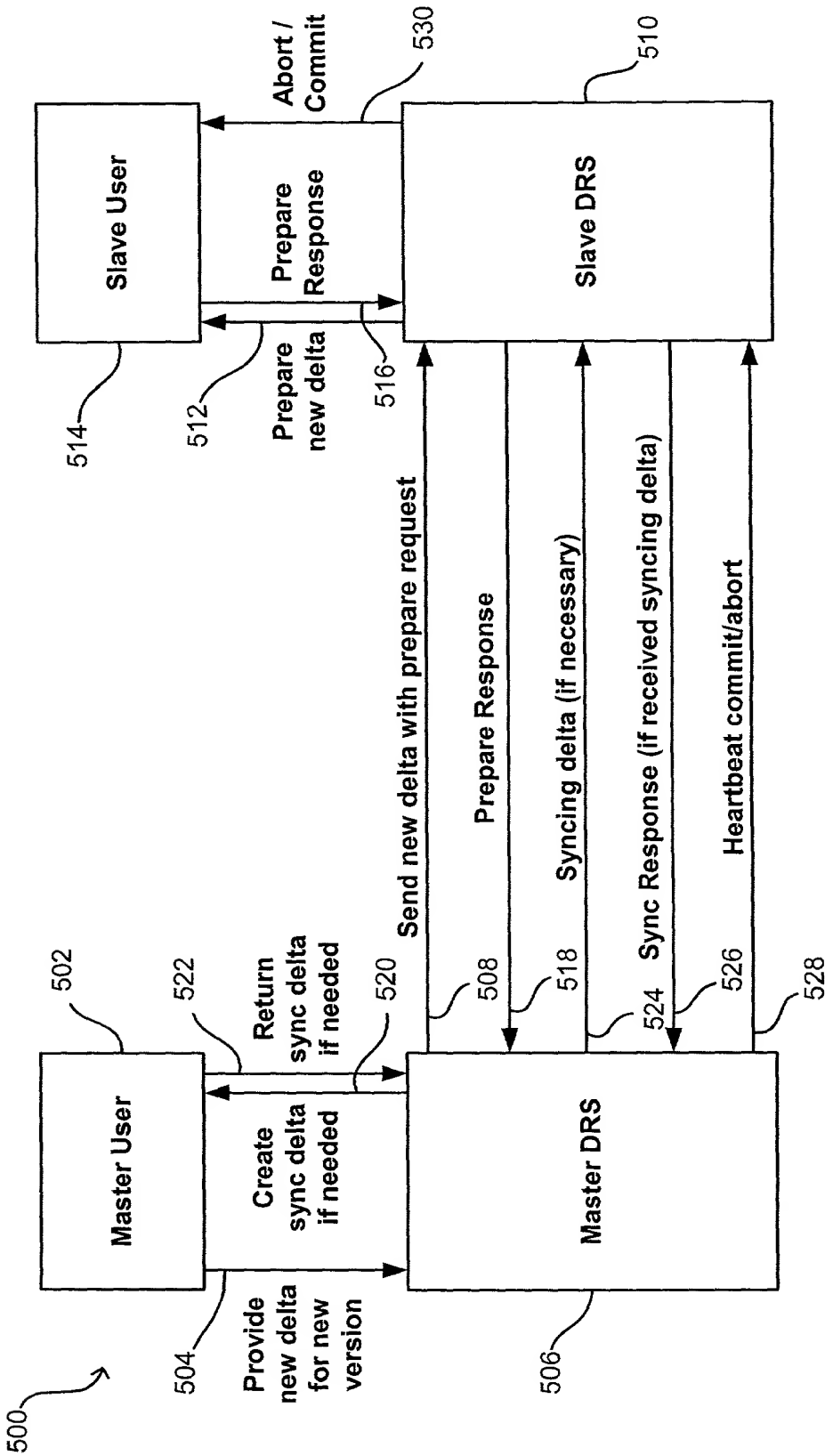
Slave User
Abort / Commit
530
Prepare Response
Slave DRS
510
514
512
Prepare new delta
516
Send new delta with prepare request
Prepare Response
Syncing delta (if necessary)
Sync Response (if received syncing delta)
Heartbeat commit/abort
502
522
Return sync delta if needed
520
508
518
524
526
528
Master User
Create sync delta if needed
Master DRS
504
Provide new delta for new version
506
500

Figure 5

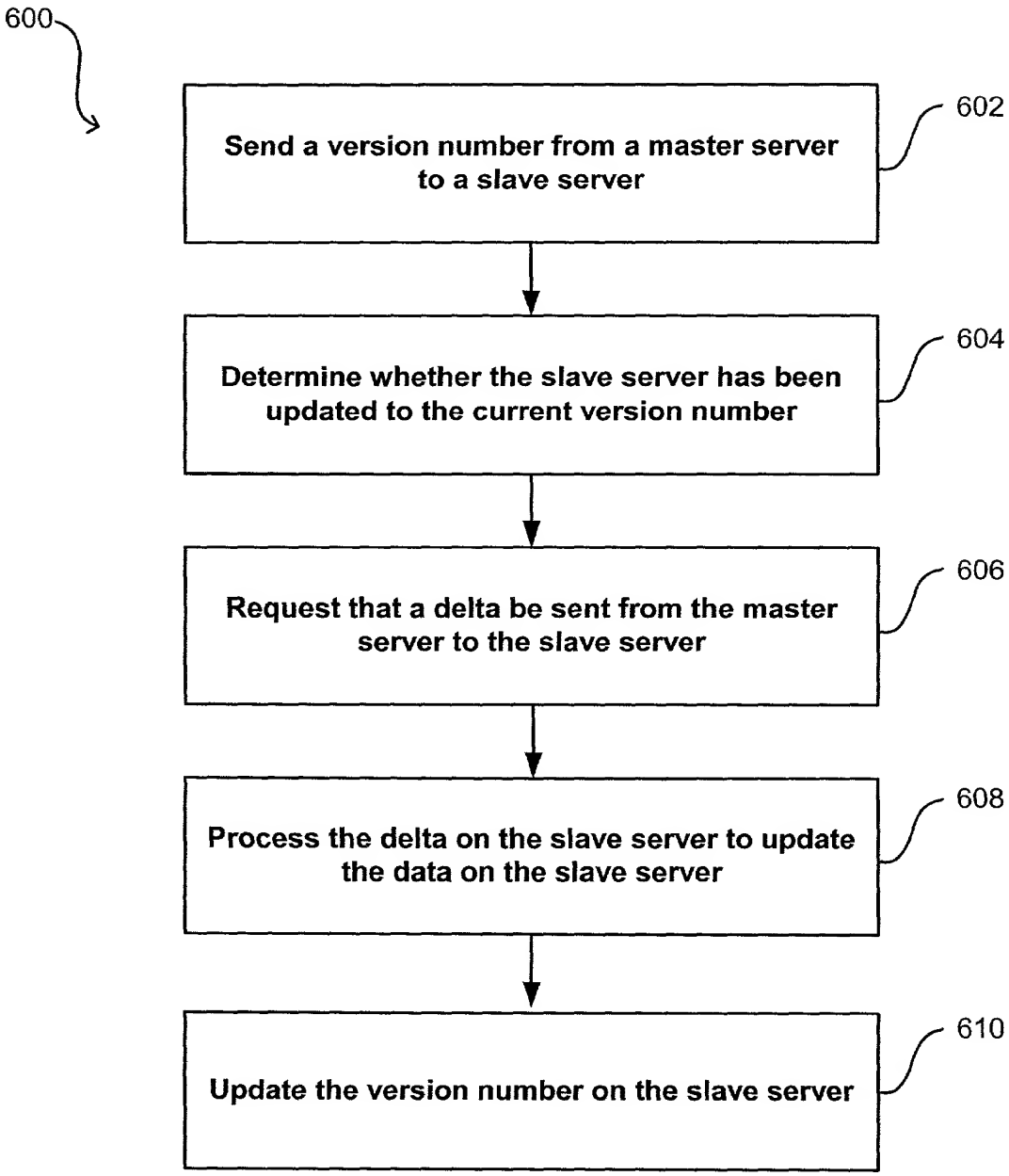
600
Send a version number from a master server to a slave server
602
Determine whether the slave server has been updated to the current version number
604
Request that a delta be sent from the master server to the slave server
606
Process the delta on the slave server to update the data on the slave server
608
Update the version number on the slave server
610

Figure 6

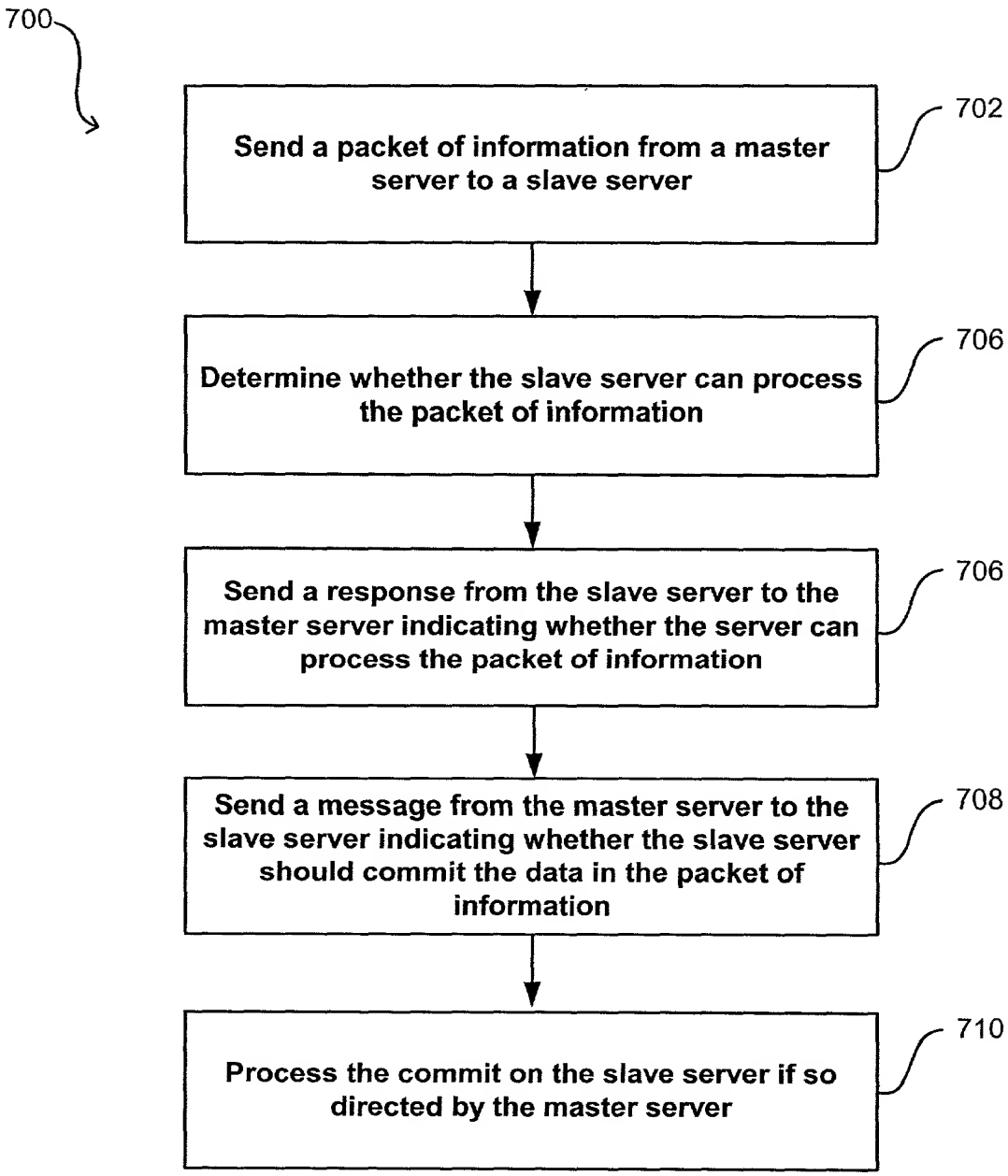
700
Send a packet of information from a master server to a slave server
702
Determine whether the slave server can process the packet of information
706
Send a response from the slave server to the master server indicating whether the server can process the packet of information
706
Send a message from the master server to the slave server indicating whether the slave server should commit the data in the packet of information
708
Process the commit on the slave server if so directed by the master server
710

Figure 7